

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~The use of~~ A method for producing a membrane comprising forming said membrane from a copolymer A ~~containing~~ comprising

- a) from 50 to 99% by weight of at least one N-vinyl lactam or N-vinylamine selected from the group consisting of N-vinylpyrrolidone, N-vinylpiperidone, N-vinylcaprolactam, N-vinylimidazole, methylated N-vinylimidazole, and N-vinylformamide, and
- b) from 1 to 50% by weight of at least one monomer selected from the group consisting of
 - b1) C₈-C₃₀-alkyl esters of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b2) N-C₈-C₃₀-alkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b3) N,N-C₈-C₃₀-dialkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b4) vinyl esters of aliphatic C₈-C₃₀ carboxylic acids; and
 - b5) C₈-C₃₀-alkyl vinyl ethers

~~to produce a membrane, the membrane comprising, as further component, and a~~ hydrophobic ~~polymers~~ polymer B selected from the group consisting of polysulfones, polycarbonates, polyamides, polyvinyl chloride, hydrophobically modified acrylic polymers, polyethers, polyurethanes, polyurethane copolymers, water-insoluble cellulose derivatives, and mixtures ~~of such polymers~~ thereof.

Claim 2 (Currently Amended): ~~The use~~ A method as claimed in claim 1 ~~of a~~ wherein
copolymer A ~~containing~~ comprises

- a) from 60 to 99% by weight of N-vinylpyrrolidone and
- b) from 1 to 40% by weight of at least one monomer selected from the group consisting of
 - b1) C₈-C₃₀-alkyl esters of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b2) N-C₈-C₃₀-alkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b3) N,N-C₈-C₃₀-dialkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b4) vinyl esters of aliphatic C₈-C₃₀ carboxylic acids; and
 - b5) C₈-C₃₀-alkyl vinyl ethers.

Claim 3 (Currently Amended): ~~The use~~ A method as claimed in claim 1 ~~or 2~~ of
wherein copolymer A ~~containing~~ comprises

- a) from 60 to 99% by weight of N-vinylpyrrolidone and
- b) from 1 to 40% by weight of at least one monomer selected from the group consisting of
 - b1) C₁₂-C₂₂-alkyl esters of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b2) N-C₁₂-C₁₈-alkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b3) N,N-C₁₂-C₁₈-dialkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;

- b4) vinyl esters of aliphatic C₈-C₁₈ carboxylic acids; and
- b5) C₈-C₂₂-alkyl vinyl ethers.

Claim 4 (Currently Amended): ~~The use~~ A method as claimed in ~~any of claims 1 to 4~~ claim 1, wherein the copolymer A is used in amounts of from 0.1 to 25% by weight, based on the total amount of polymers used.

Claim 5 (Currently Amended): ~~The use~~ A method as claimed in ~~any of claims 1 to 4~~ claim 1, wherein the copolymer A is used in combination with one or more further polymers.

Claim 6 (Currently Amended): ~~The use~~ A method as claimed in ~~any of claims 1 to 5~~ claim 1, wherein the hydrophobic ~~polymers~~ polymer B ~~are~~ is used in amounts of from 50 to 99.9% by weight, based on the total amount of polymers used.

Claim 7 (Currently Amended): ~~The use~~ A method as claimed in ~~any of claims 1 to 6~~ claim 1, wherein the membrane further comprises, as ~~polymers~~ polymer C, hydrophilic polymers selected from the group consisting of polyvinylpyrrolidones, polyethylene glycols, polyethylene glycol monoesters, polyethylene glycol-propylene glycol copolymers, water-soluble cellulose derivatives, polysorbates, and mixtures ~~of such polymers~~ thereof.

Claim 8 (Currently Amended): ~~The use~~ A method as claimed in claim 7, wherein the hydrophilic ~~polymers~~ polymer C ~~are~~ is used in amounts of from 10 to 40% by weight, based on the total amount of polymers used.

Claim 9 (Currently Amended): A semipermeable, water-wettable membrane comprising at least one copolymer A formed from

- a) from 50 to 99% by weight of at least one N-vinyl lactam or N-vinyl amine selected from the group consisting of N-vinyl pyrrolidone, N-vinyl piperidone, N-vinyl caprolactam, N-vinyl imidazole, methylated N-vinyl imidazole, and N-vinyl formamide, and
- b) from 1 to 50% by weight of at least one monomer selected from the group consisting of
 - b1) C₈-C₃₀-alkyl esters of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b2) N-C₈-C₃₀-alkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b3) N,N-C₈-C₃₀-dialkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 - b4) vinyl esters of aliphatic C₈-C₃₀ carboxylic acids; and
 - b5) C₈-C₃₀-alkyl vinyl ethers,

and, as a hydrophobic polymer component B, a polymer selected from the group consisting of polysulfones, polycarbonates, polyamides, polyvinyl chloride, hydrophobically modified acrylic polymers, polyethers, polyurethanes, polyurethane copolymers, cellulose acetates, cellulose nitrates, and mixtures thereof.

Claim 10 (Original): A membrane as claimed in claim 9, obtainable using a copolymer A in amounts of from 0.1 to 25% by weight.

Claim 11 (Currently Amended): A membrane as claimed in claim 9 ~~or 10~~ comprising in addition a hydrophilic polymer C selected from the group consisting of polyvinylpyrrolidones, polyethylene glycols, polyglycol monoesters, copolymers of polyethylene glycol with propylene glycol, water-soluble derivatives of cellulose, polysorbates, and mixtures thereof.